

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **11-003441**

(43)Date of publication of application : **06.01.1999**

(51)Int.CI.

G07B 5/02

(21)Application number : 09-153916

(71)Applicant : OKI INF SYST  
OKI ELECTRIC IND CO LTD

(22)Date of filing : **11.06.1997**

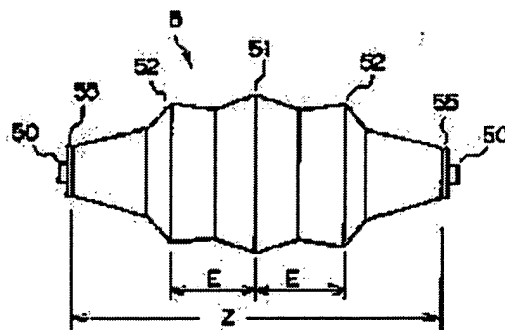
(72)Inventor : **ISHII RYUJI**  
**SONE SADA O**  
**SUDO IKUO**

## (54) TICKET ISSUING PROCESSOR

(57)Abstract:

**PROBLEM TO BE SOLVED:** To prevent the occurrence of residual stock removal of perforation and to issue a boarding ticket or the like high in quality by forming tip angle parts that have a small diameter on both sides of a central tip angle part that has a maximum diameter of a cutter roller.

**SOLUTION:** Tip angle parts 52 which are both sides of a central tip angle part 51 that has a maximum diameter and which have diameters that are shorter than the part 51 are formed on a cutter roller 5. Then, when speed difference is added after a continuous boarding ticket paper is carried to a cutting part and perforation reaches the position of the roller cutter, the central part 51 which has a maximum diameter of the cutter roller first wedges itself in an orthogonal direction. The perforation of a central part is cut apart and a small diamond-shaped opening is formed. When speed difference is successively increased, the perforation of the two parts 52 which have small diameters wedge themselves into the perforation and openings which are the same shape on the both sides of the first opening are formed. When the speed difference is further increased, a stretching force that is applied in a carrying direction is also increased, the remaining perforation is cut apart and a signal boarding ticket paper is separated from the continuous boarding ticket paper.



## LEGAL STATUS

[Date of request for examination] 12.01.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office